QC ABSTRACT

NAME OF WORK: Providing pathway and other development works to Ganesha Layout park in MS Palya ward No.11

SL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
		Materials				
1	KERB	Core Compressive strength	One Test		1	1
		Corrected Cylinder Compressive strength	One Test		1	1
		Equivalent Cube Compressive strength	One Test		1	1
2	Mortar Sand	Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
		Compacted Bulk Density	One Test		1	1
		Loose Bulk Density	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
3	M.S. Rectangular pole(50*50*6)	Weight/Meter	One Test		1	1
		Yeild stress	One Test		1	1
		Tensile Strength	One Test		1	1
		Elongation Percentage	One Test		1	1
		Bend Test	One Test		1	1
3	M.S. Rectangular pole(35*35*6)	Weight/Meter	One Test		1	1
		Yeild stress	One Test		1	1
		Tensile Strength	One Test		1	1
		Elongation Percentage	One Test		1	1
		Bend Test	One Test		1	1
4	Structural Steel	Weight/Meter	One Test		1	1
		Yeild stress	One Test		1	1
		Tensile Strength	One Test		1	1
		Elongation Percentage	One Test		1	1
		Bend Test	One Test		1	1

AEE (VRP) SD

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE KERB STONE

Date: 23-07-21

Lab ID	:	**CP-2022-01-19-27**
Customer	:	Assistant Executive Engineer, Vidhyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidhyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Providing pathway and other development works to Ganesha Layout park in MS Palya ward No.11
Agency	:	H.Gangadhar, # 24, 3rd main road, Akhavanin Layout, Vidhyaranyapura, Bangalore-97
Customer's Reference	:	BBMP/EE/BTP/WO/245/2016-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	19-07-21
Sample Type /Size	:	CC Kerb Stone/ 450*150*500mm
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	19/07/2021

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	Kg	(Sq.mm)	(KN)	(N/mm2)	(N/mm2)	(N/mm2)
1	A	100.03	150.52	2.795	7857	151.3	19.3	19.3	24.1
2	B	100.02	150.48	2.455	7856	149.6	19.0	19.0	23.8
3	C	100.01	150.51	2.486	7854	150.2	19.1	19.1	23.9

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.

CIVIL Pro Sl ..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

AEE (VRP) SD

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Format No: CP/TF/2017

TEST REPORT FOR SAND MASONRY MORTARS

Lab ID : **CP-2022-01-19-27** **Date: 22-07-21**

Customer : Assistant Executive Engineer, Vidhyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidhyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Providing pathway and other development works to Ganesha Layout park in MS Palya ward No.11

Agency : H.Gangadhar, # 24, 3rd main road, Akhavanin Layout, Vidhyaranyapura, Bangalore-97

Customer's Reference : BBMP/EE/BTP/WO/245/2016-17

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 19-07-21

Sample Type : Fine Aggregate, M.Sand for Mortar

Reference to BIS codes : IS 383 : 2016 (Specification for Coarse and fine Aggregates)
IS: 2116-1980 (RA-2007) (Specification for Sand for Masonry Mortars)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption

Date of test : 19-07-21

Total weight taken : 1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS: 2116-1980 (RA-2007)
1	4.75 mm	0	0	0	100	100
2	2.36 mm	77	77	7.7	92.3	90-100
3	1.18 mm	115	192	19.2	80.8	70-100
4	600 micron	285	477	47.7	52.3	40-100
5	300 micron	398	875	87.5	12.5	5-70
6	150 micron	85	960	96.0	4.0	0-15
7	Pan	40	1000	100.0	0.0	0

AEE (VRP) SD

AEE (VRP) SD

CIVIL Pro Si ..... Date..... BANGALORE

TEST REPORT FOR SAND MASONRY MORTARS

Lab ID : **CP-2022-01-19-27** **Date: 22-07-21**

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	3.01	–
2	Specific Gravity	2.53	–
3	Material finer than 75 micron(%)	5.9	Crushed Fine aggregate Max 15%
4	Compacted Bulk Density (Kg/litre)	1.92	–
5	Loose Bulk Density (Kg/litre)	1.75	–

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL Pro Sl ..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

AEE (VRP) SD

****End of Report****

AEE (VRP) SD

TEST RESULTES FOR MS RECTANGULAR POLE

Date: 29-07-21

Lab ID	:	**CP-2022-01-19-27**
Customer	:	Assistant Executive Engineer, Vidhyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidhyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Providing pathway and other development works to Ganesha Layout park in MS Palya ward No.11
Agency	:	H.Gangadhar, # 24, 3rd main road, Akhavanin Layout, Vidhyaranyapura, Bangalore-97
Customer's Reference	:	BBMP/EE/BTP/WO/245/2016-17
Sourse of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-07-21
Type of Sample	:	M.S Rectangular Pole(50X50X6)mm
Reference to BIS codes	:	IS:1608-2005(RA 2011), IS 1599-2012.
Date of test	:	27-07-21

TESTS RESULTS FOR M.S RECTANGULAR POLES MADE OUT OF 2 EQUAL ANGLES OF 50 X 50 X 6 MM WELDED TOGETHER

SL.NO	Description	Result	Required as per IS Code 2062:2011	Remarks
1	Weight/Meter (Kg /m)	4.48	4.50 Kg/m	Satisfactory
2	Yeild stress (N/mm2)	268	250N/mm^2	Satisfactory
3	Tensile Strength (N/mm2)	485	410N/mm^2	Satisfactory
4	Elongation Percentage (%)	24	Min23%	Satisfactory
5	Bend Test	Satisfactory	Should not Crack or fracture	Satisfactory

* The results obtained are satisfactory as per standard requirements.

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

AEE (VRP) SD

FOR CIVIL Pro
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sl ..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

TEST RESULTES FOR MS RECTANGULAR POLE

Lab ID : **CP-2022-01-19-27** **Date: 29-07-21**

Customer : Assistant Executive Engineer, Vidhyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidhyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Providing pathway and other development works to Ganesha Layout park in MS Palya ward No.11

Agency : H.Gangadhar, # 24, 3rd main road, Akhavanin Layout, Vidhyaranyapura, Bangalore-97

Customer's Reference : BBMP/EE/BTP/WO/245/2016-17

Sourse of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 27-07-21

Type of Sample : M.S Rectangular Pole(35X35X6)mm

Reference to BIS codes : IS:1608-2005(RA 2011), IS 1599-2012.

Date of test : 27-07-21

TESTS RESULTS FOR M.S RECTANGULAR POLES MADE OUT OF 2 EQUAL ANGLES OF 35 X 35 X 6 MM WELDED TOGETHER

SL.NO	Description	Result	Required as per IS Code 2062:2011	Remarks
1	Weight/Meter (Kg /m)	3.91	3.09 Kg/m	Satisfactory
2	Yeild stress (N/mm2)	274	250N/mm^2	Satisfactory
3	Tensile Strength (N/mm2)	488	410N/mm^2	Satisfactory
4	Elongation Percentage (%)	24.5	Min23%	Satisfactory
5	Bend Test	Satisfactory	Should not Crack or fracture	Satisfactory

* The results obtained are satisfactory as per standard requirements.

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

AEE (VRPT) SD

FOR CIVIL Pro
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sr..... Date..... BANGALORE

Page 1/1
****End of Report****

TEST RESULTS ON STRUCTURAL STEEL

Lab ID : **CP-2022-01-19-27** **Date: 29-07-21**

Customer : Assistant Executive Engineer, Vidhyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidhyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Providing pathway and other development works to Ganesha Layout park in MS Palya ward No.11

Agency : H.Gangadhar, # 24, 3rd main road, Akhavanin Layout, Vidhyaranyapura, Bangalore-97

Customer's Reference : BBMP/EE/BTP/WO/245/2016-17

Sourse of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 27-07-21

Type of Sample : Column - ISLB 100*50

Reference to BIS codes : IS 2062: 2011, IS:1608-2005(RA 2011), IS 1599-2012.

Date of test : 27-07-21

SL.NO	Description	Result	Required as per as IS Code 2062: 2011	Remarks
1	Weight/Meter	8.2 Kg /m	–	
2	Yeild Stress	278 N/mm^2	240 N/mm^2	
3	Tensile Strength	482 N/mm^2	410 N/mm^2	
4	Elongation Percentage	19%	Min 15%	
5	Bend Test	Satisfactory	–	

* The results obtained are satisfactory as per standard requirements.

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro

CIVIL Pro Sl Date BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

TEST RESULTS ON STRUCTURAL STEEL

Lab ID : **CP-2022-01-19-27** **Date: 29-07-21**

Customer : Assistant Executive Engineer, Vidhyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidhyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Providing pathway and other development works to Ganesha Layout park in MS Palya ward No.11

Agency : H.Gangadhar, # 24, 3rd main road, Akhavanin Layout, Vidhyaranyapura, Bangalore-97

Customer's Reference : BBMP/EE/BTP/WO/245/2016-17

Sourse of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 27-07-21

Type of Sample : ISLB 100*50 @ 8.1Kg/m

Reference to BIS codes : IS 2062: 2011, IS:1608-2005(RA 2011), IS 1599-2012.

Date of test : 27-07-21

SL.NO	Description	Result	Required as per as IS Code 2062: 2011	Remarks
1	Weight/Meter	8.12 Kg /m	–	
2	Yeild Stress	278 N/mm^2	240 N/mm^2	
3	Tensile Strength	482 N/mm^2	410 N/mm^2	
4	Elongation Percentage	19%	Min 15%	
5	Bend Test	Satisfactory	–	

* The results obtained are satisfactory as per standard requirements.

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

AEE (VRP) SD

CIVIL Pro Sig ..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES